

## **AMENDMENTS TO THE CLAIMS**

**Claim 1 (Original)** A phosphor composed of a single inorganic material, wherein when an excitation light composed of visible light is irradiated thereon, the phosphor emits a fluorescence of complimentary color with respect to a hue of the excitation light, and a portion of the excitation light transmits through the phosphor.

**Claim 2 (Original)** The phosphor according to claim 1 having a panel shape.

**Claim 3 (Original)** The phosphor according to claim 2 of which a wall thickness is between 0.1mm to 2mm.

**Claim 4 (Currently Amended)** The phosphor according to ~~any of claims 1 to 3~~ ~~claim 1~~, wherein the excitation light composed of visible light is a light of which center wavelength is between 430 to 490nm, and the fluorescence is a light of which center wavelength is between 530 to 590nm.

**Claim 5 (Currently Amended)** The phosphor according to ~~any of claims 1 to 4~~ ~~claim 1~~ composed of a crystallized glass including Ce<sup>3+</sup> and formed by precipitating a garnet crystal.

**Claim 6 (Original)** The phosphor according to claim 5, wherein the garnet crystal is YAG crystal or YAG crystalline solid solution.

**Claim 7 (Original)** The phosphor according to claim 5 including 0.01 to 5 mol% of Ce<sub>2</sub>O<sub>3</sub>.

**Claim 8 (Currently Amended)** The phosphor according to ~~claim 1 any of claims 1 to 3~~ composed of a crystallized glass including 10 to 60mol% of SiO<sub>2</sub> + B<sub>2</sub>O<sub>3</sub>, 15 to 50mol% of Al<sub>2</sub>O<sub>3</sub> + GeO<sub>2</sub> + Ga<sub>2</sub>O<sub>3</sub>, 5 to 30mol% of Y<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub>, 0 to 25mol% of Li<sub>2</sub>O, 0 to 15mol% of TiO<sub>2</sub> + ZrO<sub>2</sub>, and 0.01 to 5mol% of Ce<sub>2</sub>O<sub>3</sub>.

**Claim 9 (Original)** The phosphor according to claim 8 including essentially no TiO<sub>2</sub> and ZrO<sub>2</sub>.

**Claim 10 (Currently Amended)** The phosphor according to claim 1 any of claims 1 to 3 composed of a crystallized glass including 10 to 50mol% of SiO<sub>2</sub>, 15 to 45mol% of Al<sub>2</sub>O<sub>3</sub>, 5 to 30mol% of Y<sub>2</sub>O<sub>3</sub>, 0 to 15mol% of GeO<sub>2</sub>, 0 to 20mol% of Gd<sub>2</sub>O<sub>3</sub>, 0 to 15mol% of Li<sub>2</sub>O, 0 to 30mol% of CaO + MgO + Sc<sub>2</sub>O<sub>3</sub>, and 0.01 to 5mol% of Ce<sub>2</sub>O<sub>3</sub>.

**Claim 11 (Currently Amended)** A light-emitting diode utilizing the phosphor according to any of claims 1 to 3 claim 1.

**Claim 12 (Currently Amended)** A light-emitting diode comprising:

- a stem including a cathode lead terminal and an anode lead terminal,
- a light-emitting diode chip connected to the anode lead terminal,
- a metal wire connecting the cathode lead terminal and the light-emitting diode chip,
- a housing vessel that is fixed such that the stem and the light-emitting diode chip are air-tightly sealed, and of which a window portion is formed above the light-emitting diode chip, and

the phosphor according to claim 1 any of claims 1 to 3 attached to the window portion of the housing vessel.

**Claim 13 (Original)** A crystallized glass including Ce<sup>3+</sup> and formed by precipitating a garnet crystal.

**Claim 14 (Original)** The crystallized glass according to claim 13, wherein the garnet crystal is YAG crystal or YAG crystalline solid solution.

**Claim 15 (Original)** The crystallized glass according to claim 13 including 0.01 to 5 mol% of Ce<sub>2</sub>O<sub>3</sub>.

**Claim 16 (Currently Amended)** The crystallized glass according to claim 13 any of ~~claims 13 to 15~~ including 10 to 60mol% of SiO<sub>2</sub> + B<sub>2</sub>O<sub>3</sub>, 15 to 50mol% of Al<sub>2</sub>O<sub>3</sub> + GeO<sub>2</sub> + Ga<sub>2</sub>O<sub>3</sub>, 5 to 30mol% of Y<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub>, 0 to 25mol% of Li<sub>2</sub>O, 0 to 15mol% of TiO<sub>2</sub> + ZrO<sub>2</sub>, and 0.01 to 5mol% of Ce<sub>2</sub>O<sub>3</sub>.

**Claim 17 (Original)** The crystallized glass according to claim 16 including essentially no TiO<sub>2</sub> and ZrO<sub>2</sub>.

**Claim 18 (Currently Amended)** The crystallized glass according to claim 13 any of ~~claims 13 to 15~~ including 10 to 50mol% of SiO<sub>2</sub>, 15 to 45mol% of Al<sub>2</sub>O<sub>3</sub>, 5 to 30mol% of Y<sub>2</sub>O<sub>3</sub>, 0 to 15mol% of GeO<sub>2</sub>, 0 to 20mol% of Gd<sub>2</sub>O<sub>3</sub>, 0 to 15mol% of Li<sub>2</sub>O, 0 to 30mol% of CaO + MgO + Sc<sub>2</sub>O<sub>3</sub>, and 0.01 to 5mol% of Ce<sub>2</sub>O<sub>3</sub>.